WHAT IS CLAIMED IS:

1. A riding simulation system for providing an operator with a pseudo-experience of running conditions of a motorcycle by displaying scenery seen to the rider as a video image on a display based on the operating condition of operation by the operator, said riding simulation system comprising:

a steering handle mechanism gripped and operated by the operator;

a step mechanism comprising a brake pedal and a gear change pedal which are operated by the feet of the operator;

a connection shaft for connecting said steering handle mechanism and said step mechanism to each other, said connection shaft provided to be extendable and contractable along the axial direction thereof; and

support means for supporting said steering handle mechanism or said connection shaft.

2. The riding simulation system as set forth in claim 1, wherein said connection shaft is provided to be inclinable relative to said steering handle mechanism or said step mechanism.

3. The riding simulation system as set forth in claim 1, further comprising a vibrator for a dummy engine vibration.

4. The riding simulation system as set forth in claim 1, further comprising means for giving a reaction force in an direction opposite to a turning direction of said steering handle mechanism.

5. A riding simulation system for providing an operator with a pseudo-experience of a running condition of a motorcycle by generating a vibration based on the operating condition by the operator, said riding simulation system comprising:

a vibrator for a dummy engine vibration in a steering handle mechanism;

a taper surface portion formed at an inner circumferential surface of a steering handle pipe constituting said steering handle mechanism, said taper surface portion gradually decreasing in diameter from the side of an end portion of said steering handle pipe; and

a bracket having an engaging portion for engagement with said end portion of said steering handle pipe, having an outer circumferential surface gradually decreasing in diameter from the side of said engaging portion, and being inserted into said taper surface portion while holding said vibrator.

6. A riding simulation system comprising a vibrator for a dummy engine vibration in a steering handle mechanism and providing an operator with a pseudo-experience of a running condition of a motorcycle by generating a vibration based on the operating condition by the operator, said riding simulation system comprising:

a bracket screw-engaged with an end portion of a steering handle pipe constituting said steering handle mechanism, wherein said vibrator is inserted into the inside of said steering handle pipe in the state of being held by said bracket.

7 A riding simulation system comprising a vibrator for a dummy engine vibration in a steering handle mechanism and providing an operator with a pseudo-experience of a running condition of a motorcycle by generating a vibration based on

the operating condition by the operator,

wherein said vibrator is inserted and held in the inside of one end portion of a steering handle pipe constituting said steering handle mechanism, and a predetermined gap is formed between an outer circumferential portion of said one end portion of said steering handle pipe and a steering handle grip attached to said outer circumferential portion.

8 The riding simulation system as set forth in claim 7, wherein said steering handle grip is a throttle grip.

9. The riding simulation system as set forth in claim 7, wherein said steering handle pipe is comprised of a single pipe communicating one end portion, on which said throttle grip is mounted, and the other end portion to each other.

10. The riding simulation system as set forth in claim 8, wherein said steering handle pipe is comprised of a single pipe communicating one end portion, on which said throttle grip is mounted, and the other end portion to each other.

11. A riding simulation system for providing an operator with a pseudo-experience of running conditions of a motorcycle by displaying scenery seen to the rider as a video image on a display based on an operating condition upon an operation by the operator and detecting a gear change by a sensor provided at a gear change pedal, said riding simulation system comprising:

click generating means for generating a click feeling similar to a gear change

in an actual motorcycle when a gear change is made by operating said gear change pedal.

12. A riding simulation system as set forth in claim 1, wherein said click generating means comprises a ball member, and a hole portion in which said ball member is engaged when said gear change pedal is in a center position, and, when a gear change is made by operating said gear change pedal, said ball member is released from said hole portion and thereafter again engaged in said hole portion, whereby a click sound and a vibration are generated.

13. A riding simulation system for providing an operator with a pseudo-experience of running conditions of a motorcycle by displaying scenery seen to the rider as a video image on a display based on an operating condition of a dummy operating mechanism operated by the operator, said riding simulation system comprising:

a handle mechanism for operating a steering handle with a handle shaft portion as a turning fulcrum by said operator,

a frame portion for supporting said steering handle shaft portion, and

a single spring for giving a reaction force in a direction opposite to the turning direction of said steering handle when said steering handle is operated, wherein said single spring is provided with a pair of clamping portions projected outwards from said steering handle shaft portion so as to clamp said frame portion therebetween.

14. The riding simulation system as set forth in claim 13, wherein elastic members are interposed between said pair of clamping portions of said spring and said frame.